

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-17.(Canceled)

18.(Currently Amended) A display device comprising:

a silicon substrate;

an insulating layer formed on the silicon substrate;

a field effect transistor ~~formed on the insulating layer~~ comprising a semiconductor layer formed on an upper surface of the insulating layer, and a gate electrode adjacent to the semiconductor layer with a gate insulating film interposed therebetween;

a resin film formed over the field effect transistor;

a light shielding layer formed over the resin film;

a dielectric layer formed on the light shielding layer; and

a pixel electrode formed on the dielectric layer.

19.(Previously presented) A display device according to claim 18, wherein the resin film comprises at least one selected from the group consisting of polyimide, polyamide, acryl, and benzo-cyclo-butene (BCB).

20.(Previously presented) A display device according to claim 18, wherein the light shielding layer comprises at least one selected from the group consisting of aluminum, titanium, and tantalum.

21.(Previously presented) A display device according to claim 18, wherein the dielectric layer comprises at least one selected from the group consisting of silicon oxide, silicon nitride, silicon oxynitride, DLC (Diamond like carbon), and polyimide.

22.(Previously presented) A display device according to claim 18, wherein the pixel electrode comprises aluminum.

23.(Previously presented) A display device according to claim 18, wherein the display device is one selected from the group consisting of a portable telephone, a video camera, a mobile computer, a goggle type display, a projector, an electronic book, a digital camera, and a DVD player.

24.(Currently Amended) A display device comprising:
a silicon substrate;
an insulating layer formed on the silicon substrate;
a field effect transistor ~~formed on the insulating layer~~ comprising a semiconductor layer formed on an upper surface of the insulating layer, and a gate electrode adjacent to the semiconductor layer with a gate insulating film interposed therebetween;

a resin film formed over the field effect transistor;

a light shielding layer formed over the resin film;

a dielectric layer formed on the light shielding layer; and

a pixel electrode formed on the dielectric layer,

wherein a storage capacitance is formed by the light shielding layer, the dielectric layer, and the pixel electrode.

25.(Previously presented) A display device according to claim 24, wherein the resin film comprises at least one selected from the group consisting of polyimide, polyamide, acryl, and benzo-cyclo-butene (BCB).

26.(Previously presented) A display device according to claim 24, wherein the light shielding layer comprises at least one selected from the group consisting of aluminum, titanium, and tantalum.

27.(Previously presented) A display device according to claim 24, wherein the dielectric layer comprises at least one selected from the group consisting of silicon oxide, silicon nitride, silicon oxynitride, DLC (Diamond like carbon), and polyimide.

28.(Previously presented) A display device according to claim 24, wherein the pixel electrode comprises aluminum.

29.(Previously presented) A display device according to claim 24, wherein the display device is one selected from the group consisting of a portable telephone, a video camera, a mobile computer, a goggle type display, a projector, an electronic book, a digital camera, and a DVD player.

30.(Currently Amended) A display device comprising:

a pair of substrates, wherein one of the pair of substrates comprises a silicon substrate, and a liquid crystal material is interposed between the pair of substrates;

an insulating layer formed on the silicon substrate;

a field effect transistor ~~formed on the insulating layer~~ comprising a semiconductor layer formed on an upper surface of the insulating layer, and a gate electrode adjacent to the semiconductor layer with a gate insulating film interposed therebetween;

a resin film formed over the field effect transistor;

a light shielding layer formed over the resin film;

a dielectric layer formed on the light shielding layer; and

a pixel electrode formed on the dielectric layer.

31.(Previously presented) A display device according to claim 30, wherein the resin film comprises at least one selected from the group consisting of polyimide, polyamide, acryl, and benzo-cyclo-butene (BCB).

32.(Previously presented) A display device according to claim 30, wherein the light shielding layer comprises at least one selected from the group consisting of aluminum, titanium, and tantalum.

33.(Previously presented) A display device according to claim 30, wherein the dielectric layer comprises at least one selected from the group consisting of silicon oxide, silicon nitride, silicon oxynitride, DLC (Diamond like carbon), and polyimide.

34.(Previously presented) A display device according to claim 30, wherein the pixel electrode comprises aluminum.

35.(Previously presented) A display device according to claim 30, wherein the display device is one selected from the group consisting of a portable telephone, a video camera, a mobile computer, a goggle type display, a projector, an electronic book, a digital camera, and a DVD player.

36.(Currently Amended) A display device comprising:

- a pair of substrates, wherein one of the pair of substrates comprises a silicon substrate, and a liquid crystal material is interposed between the pair of substrates;
- an insulating layer formed on the silicon substrate;
- a field effect transistor ~~formed on the insulating layer~~ comprising a semiconductor layer formed on an upper surface of the insulating layer, and a gate electrode adjacent to the semiconductor layer with a gate insulating film interposed therebetween;
- a resin film formed over the field effect transistor;
- a light shielding layer formed over the resin film;
- a dielectric layer formed on the light shielding layer; and
- a pixel electrode formed on the dielectric layer,

wherein a storage capacitance is formed by the light shielding layer, the dielectric layer, and the pixel electrode.

37.(Previously presented) A display device according to claim 36, wherein the resin film

comprises at least one selected from the group consisting of polyimide, polyamide, acryl, and benzo-cyclo-butene (BCB).

38.(Previously presented) A display device according to claim 36, wherein the light shielding layer comprises at least one selected from the group consisting of aluminum, titanium, and tantalum.

39.(Previously presented) A display device according to claim 36, wherein the dielectric layer comprises at least one selected from the group consisting of silicon oxide, silicon nitride, silicon oxynitride, DLC (Diamond like carbon), and polyimide.

40.(Previously presented) A display device according to claim 36, wherein the pixel electrode comprises aluminum.

41.(Previously presented) A display device according to claim 36, wherein the display device is one selected from the group consisting of a portable telephone, a video camera, a mobile computer, a goggle type display, a projector, an electronic book, a digital camera, and a DVD player.

42.(Previously presented) A display device comprising:

- a silicon substrate;
- an insulating layer formed on the silicon substrate;
- a field effect transistor formed on the insulating layer;
- an interlayer insulating film formed over the filed effect transistor;

an EL element formed on the interlayer insulating film, the EL element comprising a pair of electrodes and an EL layer interposed therebetween,

wherein one of the pair of electrodes is electrically connected to the field effect transistor.

43.(Previously presented) A display device according to claim 42, wherein the display device is one selected from the group consisting of a portable telephone, a video camera, a mobile computer, a goggle type display, a projector, an electronic book, a digital camera, and a DVD player.